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(FILE 'HOME' ENTERED AT 11:33:44 ON 15 APR 2008)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 11:34:06 ON
15 APR 2008

L1 38170 S GDNF OR BDNF OR NT-4
L2 9693 S TRKB
L3 19255 S TETANUS(W)TOXIN OR TTC
L4 6154 S L1(P)L2
L5 6898 S TRKB(3A)RECEPTOR
L6 715 S (STIMULAT? OR MODULAT? OR ELEVAT? OR INCREAS? OR ENHANC?) (7A)
L7 520 S L1(P)L6
L8 398 S L1(10A)L6
L9 0 S L3(P)L6
L10 1 S L3 AND L6
L11 11 S L3 AND L5
L12 8 DUP REM L11 (3 DUPLICATES REMOVED)
L13 157 DUP REM L8 (241 DUPLICATES REMOVED)

=> d au ti so pi 1-8 112

L12 ANSWER 1 OF 8 SCISEARCH COPYRIGHT (c) 2008 The Thomson Corporation on
STN
AU Deinhardt, Katrin; Reversi, Alessandra; Berninghausen, Otto; Hopkins,
Colin R.; Schiavo, Giampietro (Reprint)
TI Neurotrophins redirect p75(NTR) from a clathrin-independent to a
clathrin-dependent endocytic pathway coupled to axonal transport
SO TRAFFIC, (DEC 2007) Vol. 8, No. 12, pp. 1736-1749.
ISSN: 1398-9219.

L12 ANSWER 2 OF 8 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
AU Deinhardt, K. [Reprint Author]; Reversi, A.; Bilsland, L.; Salinas, S.;
Schiavo, G.
TI Axonal retrograde transport of neurotrophin receptors and tetanus
toxin in vitro and in vivo.
SO Journal of Neurochemistry, (AUG 2007) Vol. 102, No. Suppl. 1, pp. 11.
Meeting Info.: 21st Biennial Meeting of the International-Society-for-
Neurochemistry/38th Annual Meeting of the American-Society-for-
Neurochemistry. Cancun, MEXICO. August 19 -24, 2007. Int Soc Neurochem;
Amer Soc Neurochem.
CODEN: JONRA9. ISSN: 0022-3042.

L12 ANSWER 3 OF 8 MEDLINE on STN
AU Roux Sylvie; Saint Clément Cecile; Curie Thomas; Girard Emmanuelle; Mena
Francisco-Javier Miana; Barbier Julien; Osta Rosario; Molgo Jordi; Brulet
Philippe
TI Brain-derived neurotrophic factor facilitates in vivo internalization of
tetanus neurotoxin C-terminal fragment fusion proteins in mature mouse
motor nerve terminals.
SO The European journal of neuroscience, (2006 Sep) Vol. 24, No. 6, pp.
1546-54.
Journal code: 8918110. ISSN: 0953-816X.

L12 ANSWER 4 OF 8 MEDLINE on STN DUPLICATE 1
AU Deinhardt Katrin; Salinas Sara; Verastegui Carole; Watson Rose; Worth
Daniel; Hanrahan Sarah; Bucci Cecilia; Schiavo Giampietro
TI Rab5 and Rab7 control endocytic sorting along the axonal retrograde
transport pathway.
SO Neuron, (2006 Oct 19) Vol. 52, No. 2, pp. 293-305.
Journal code: 8809320. ISSN: 0896-6273.

L12 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

AU Roux, Sylvie; Brulet, Philippe; Saint, Clément; Cecile; Barbier, Julien; Molgo, Jordi

TI Construction of fusion protein of GFP-TTC (tetanus toxin C fragment) and uses for in vivo modulation of neuronal transport

SO U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U.S. Ser. No. 816,467.

CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 20040170651	A1	20040902	US 2003-662808	20030916
EP 1681300	A1	20060719	EP 2006-4471	19980812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 20030004121	A1	20030102	US 2001-816467	20010326
US 20050060761	A1	20050317	US 2004-817961	20040406
WO 2005025592	A2	20050324	WO 2004-EP10991	20040915
WO 2005025592	A3	20051110		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1663286	A2	20060607	EP 2004-765752	20040915
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
US 20060275327	A1	20061207	US 2006-375093	20060315
US 20070092449	A1	20070426	US 2006-543164	20061005

L12 ANSWER 6 OF 8 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

AU Aguilera, J. [Reprint Author]; Gil, C. [Reprint Author]; Chaib-Oukadour, I. [Reprint Author]

TI Tetanus toxin by its HC fragment rescues cerebellar granule neurons from apoptotic death.

SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003) Vol. 2003, pp. Abstract No. 472.14. <http://sfn.scholarone.com>. e-file. Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.

L12 ANSWER 7 OF 8 MEDLINE on STN DUPLICATE 2

AU Pascual M; Climent E; Guerri C

TI BDNF induces glutamate release in cerebrocortical nerve terminals and in cortical astrocytes.

SO Neuroreport, (2001 Aug 28) Vol. 12, No. 12, pp. 2673-7.
Journal code: 9100935. ISSN: 0959-4965.

L12 ANSWER 8 OF 8 MEDLINE on STN DUPLICATE 3

AU Matsumoto T; Numakawa T; Adachi N; Yokomaku D; Yamagishi S; Takei N; Hatanaka H

TI Brain-derived neurotrophic factor enhances depolarization-evoked glutamate release in cultured cortical neurons.

SO Journal of neurochemistry, (2001 Nov) Vol. 79, No. 3, pp. 522-30.
Journal code: 2985190R. ISSN: 0022-3042.

=> s 11 and 12
L14 6638 L1 AND L2

=> s 12 and 13
L15 18 L2 AND L3

=> dup rem 115
PROCESSING COMPLETED FOR L15
L16 11 DUP REM L15 (7 DUPLICATES REMOVED)

=>
=> d au ti so pi 140-157 113

L13 ANSWER 140 OF 157 MEDLINE on STN DUPLICATE 60
AU Liang F Q; Sohrabji F; Miranda R; Earnest B; Earnest D
TI Expression of brain-derived neurotrophic factor and its cognate receptor, TrkB, in the rat suprachiasmatic nucleus.
SO Experimental neurology, (1998 Jun) Vol. 151, No. 2, pp. 184-93.
Journal code: 0370712. ISSN: 0014-4886.

L13 ANSWER 141 OF 157 MEDLINE on STN DUPLICATE 61
AU Croll S D; Chesnutt C R; Rudge J S; Acheson A; Ryan T E; Siuciak J A; DiStefano P S; Wiegand S J; Lindsay R M
TI Co-infusion with a TrkB-Fc receptor body carrier enhances BDNF distribution in the adult rat brain.
SO Experimental neurology, (1998 Jul) Vol. 152, No. 1, pp. 20-33.
Journal code: 0370712. ISSN: 0014-4886.

L13 ANSWER 142 OF 157 MEDLINE on STN DUPLICATE 62
AU Suen P C; Wu K; Levine E S; Mount H T; Xu J L; Lin S Y; Black I B
TI Brain-derived neurotrophic factor rapidly enhances phosphorylation of the postsynaptic N-methyl-D-aspartate receptor subunit 1.
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Jul 22) Vol. 94, No. 15, pp. 8191-5.
Journal code: 7505876. ISSN: 0027-8424.

L13 ANSWER 143 OF 157 MEDLINE on STN DUPLICATE 63
AU Scharfman H E
TI Hyperexcitability in combined entorhinal/hippocampal slices of adult rat after exposure to brain-derived neurotrophic factor.
SO Journal of neurophysiology, (1997 Aug) Vol. 78, No. 2, pp. 1082-95.
Journal code: 0375404. ISSN: 0022-3077.

L13 ANSWER 144 OF 157 MEDLINE on STN DUPLICATE 64
AU Fryer R H; Kaplan D R; Kromer L F
TI Truncated trkB receptors on nonneuronal cells inhibit BDNF-induced neurite outgrowth in vitro.
SO Experimental neurology, (1997 Dec) Vol. 148, No. 2, pp. 616-27.
Journal code: 0370712. ISSN: 0014-4886.

L13 ANSWER 145 OF 157 MEDLINE on STN DUPLICATE 65
AU Mou K; Hunsberger C L; Cleary J M; Davis R L
TI Synergistic effects of BDNF and NT-3 on postnatal spiral ganglion neurons.
SO The Journal of comparative neurology, (1997 Oct 6) Vol. 386, No. 4, pp. 529-39.
Journal code: 0406041. ISSN: 0021-9967.

L13 ANSWER 146 OF 157 MEDLINE on STN DUPLICATE 66
AU Dragunow M; Hughes P; Mason-Parker S E; Lawlor P; Abraham W C
TI TrkB expression in dentate granule cells is associated with a late phase

of long-term potentiation.

SO Brain research. Molecular brain research, (1997 Jun) Vol. 46, No. 1-2, pp. 274-80.
Journal code: 8908640. ISSN: 0169-328X.

L13 ANSWER 147 OF 157 LIFESCI COPYRIGHT 2008 CSA on STN
AU Causing, C.G.; Gloster, A.; Aloyz, R.; Bamji, S.X.; Chang, Eddie; Fawcett, J.; Kuchel, G.; Miller, F.D.
TI Synaptic innervation density is regulated by neuron-derived BDNF
SO NEURON, (1997) vol. 18, no. 2, pp. 257-267.
ISSN: 0896-6273.

L13 ANSWER 148 OF 157 CAPLUS COPYRIGHT 2008 ACS on STN
AU Karlsson, M.; Hallbook, F.
TI Kainic acid, tetrodotoxin and light modulate expression of brain-derived neurotrophic factor in developing avian retinal ganglion cells and their tectal target
SO Neuroscience (Oxford) (1997), Volume Date 1998, 83(1), 137-150
CODEN: NRSCDN; ISSN: 0306-4522

L13 ANSWER 149 OF 157 MEDLINE on STN DUPLICATE 67
AU Maroder M; Bellavia D; Meco D; Napolitano M; Stigliano A; Alesse E; Vacca A; Giannini G; Frati L; Gulino A; Scarpanti I
TI Expression of trkB neurotrophin receptor during T cell development. Role of brain derived neurotrophic factor in immature thymocyte survival.
SO Journal of immunology (Baltimore, Md. : 1950), (1996 Oct 1) Vol. 157, No. 7, pp. 2864-72.
Journal code: 2985117R. ISSN: 0022-1767.

L13 ANSWER 150 OF 157 MEDLINE on STN DUPLICATE 68
AU Knusel B; Gao H
TI Neurotrophins and Alzheimer's disease: beyond the cholinergic neurons.
SO Life sciences, (1996) Vol. 58, No. 22, pp. 2019-27. Ref: 38
Journal code: 0375521. ISSN: 0024-3205.

L13 ANSWER 151 OF 157 MEDLINE on STN DUPLICATE 69
AU Tagliafata G; Hibbert C J; Hutton L A; Werrbach-Perez K; Perez-Polo J R
TI Suppression of p140trkA does not abolish nerve growth factor-mediated rescue of serum-free PC12 cells.
SO Journal of neurochemistry, (1996 May) Vol. 66, No. 5, pp. 1826-35.
Journal code: 2985190R. ISSN: 0022-3042.

L13 ANSWER 152 OF 157 MEDLINE on STN DUPLICATE 70
AU Nakamura T; Sanokawa R; Sasaki Y; Ayusawa D; Oishi M; Mori N
TI N-Shc: a neural-specific adapter molecule that mediates signaling from neurotrophin/Trk to Ras/MAPK pathway.
SO Oncogene, (1996 Sep 19) Vol. 13, No. 6, pp. 1111-21.
Journal code: 8711562. ISSN: 0950-9232.

L13 ANSWER 153 OF 157 MEDLINE on STN DUPLICATE 71
AU Kobayashi N R; Bedard A M; Hincke M T; Tetzlaff W
TI Increased expression of BDNF and trkB mRNA in rat facial motoneurons after axotomy.
SO The European journal of neuroscience, (1996 May) Vol. 8, No. 5, pp. 1018-29.
Journal code: 8918110. ISSN: 0953-816X.

L13 ANSWER 154 OF 157 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
AU Lyons, W. E. [Reprint author]; Kaplan, D. R. [Reprint author]; Mamounas, L. A.

TI BDNF infusion stimulates activity of TrkB receptors and the sprouting of serotonin axons in the rat brain with a similar dose response.

SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 996. Meeting Info.: 26th Annual Meeting of the Society for Neuroscience. Washington, D.C., USA. November 16-21, 1996. ISSN: 0190-5295.

L13 ANSWER 155 OF 157 MEDLINE on STN DUPLICATE 72

AU Figurov A; Pozzo-Miller L D; Olafsson P; Wang T; Lu B

TI Regulation of synaptic responses to high-frequency stimulation and LTP by neurotrophins in the hippocampus.

SO Nature, (1996 Jun 20) Vol. 381, No. 6584, pp. 706-9. Journal code: 0410462. ISSN: 0028-0836.

L13 ANSWER 156 OF 157 LIFESCI COPYRIGHT 2008 CSA on STN

AU Marty, S.; Carroll, P.; Cellerino, A.; Castren, E.; Staiger, V.; Thoenen, H.; Lindholm, D.

TI Brain-derived neurotrophic factor promotes the differentiation of various hippocampal nonpyramidal neurons, including Cajal-Retzius cells, in organotypic slice cultures

SO J. NEUROSCI., (1996) vol. 16, no. 2, pp. 675-687. ISSN: 0270-6474.

L13 ANSWER 157 OF 157 LIFESCI COPYRIGHT 2008 CSA on STN

AU Leingaertner, A.; Heisenberg, C.P.; Kolbeck, R.; Thoenen, H.; Lindholm, D.*

TI Brain-derived neurotrophic factor increases neurotrophin-3 expression in cerebellar granule neurons

SO J. BIOL. CHEM., (1994) vol. 269, no. 2, pp. 828-830. ISSN: 0021-9258.